

Recovery Plan Action Status

Plan Name: Wheeler's Peperomia

Plan Status: Final

Plan Date: 26-Nov-90

Lead Agency: USFWS

Lead Office: Caribbean Ecological Services Field Office

**(887)
851-7297)**

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Wheeler's peperomia (Peperomia wheeleri)	1	1	Continue exclusion of domestic fowl and cattle from the areas of known populations of Peperomia wheeleri	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Caribbean islands National Wildlife Refuge, FWS	Management	Contract, Internal Field Assistance, Volunteer	In coordination with other government agencies and cattle farmers
Wheeler's peperomia (Peperomia wheeleri)	2	10	Evaluate seed viability and germination requirements	Partially Complete	FY 2009	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources, USFWS Regional Office 4 - Atlanta	Research: Propagation	Graduate Student, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER and universities
Wheeler's peperomia (Peperomia wheeleri)	2	11	Evaluate seedling establishment & germination requirements	Partially Complete	FY 2009	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Research: Management Techniques, Research: Propagation	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER and universities
Wheeler's peperomia (Peperomia wheeleri)	2	12	Evaluate role of vegetative regeneration	Partially Complete	Prior to FY 1995	FY 2011	Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Research: Habitat Requirements, Research: Management Techniques, Research: Other Information, Research: Propagation, Research: Reintroduction	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	In coordination with DNER, local botanical garden, and universities
Wheeler's peperomia (Peperomia wheeleri)	2	13	Evaluate relative feasibility of propagation from seed vs. cuttings	Partially Complete	FY 2008	FY 2011	Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Research: Management Techniques, Research: Propagation, Research: Reintroduction	Graduate Student, Internal Technical Assistance, Species Expert	In coordination with DNER, local botanical garden, and universities

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Wheeler's peperomia (Peperomia wheeleri)	2	14	Determine feasibility of ex situ production of seed and cuttings	Ongoing Current	FY 2007	FY 2011	Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources	Research: Propagation	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER, local botanical garden, and universities
Wheeler's peperomia (Peperomia wheeleri)	2	15	Assess habitat suitability	Partially Complete	FY 2007	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources	Research: Habitat Requirements, Research: Habitat Status	Graduate Student, Internal Field Assistance, Species Expert, Volunteer	In coordination with DNER and universities
Wheeler's peperomia (Peperomia wheeleri)	2	16	Assess site protection	Ongoing Current	FY 2007	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources	Acquisition: Management Agreement	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER
Wheeler's peperomia (Peperomia wheeleri)	2	17	Determine number of populations & individuals necessary to ensure species' self-perpetuation	Ongoing Not Current	FY 2009	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources	Research: Population Assessment, Research: Reintroduction	Graduate Student, Internal Administrative, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with universities
Wheeler's peperomia (Peperomia wheeleri)	2	18	Determine what additional actions are necessary to achieve recovery goals	Ongoing Current	FY 2007	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources	Other: Administration	Internal Administrative, Internal Technical Assistance	In coordination with DNER

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Wheeler's peperomia (Peperomia wheeleri)	1	2	Monitor known populations	Ongoing Not Current	FY 2007	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources	Management: Population Monitoring, Research: Population Assessment, Research: Population Surveys	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER, and universities
Wheeler's peperomia (Peperomia wheeleri)	1	3	Enforce existing Commonwealth endangered species regulations	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources, USFWS Regional Office 4 - Atlanta	Other: Law Enforcement, Other: Regulations	Internal Technical Assistance	DNER performs these action
Wheeler's peperomia (Peperomia wheeleri)	2	4	Educate public on plant conservation and regulations	Ongoing Current	Prior to FY 1995	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources, USFWS Regional Office 4 - Atlanta	Other: Information and Education	Internal Administrative, Internal Field Assistance, Species Expert, Volunteer	Species is included in public education programs
Wheeler's peperomia (Peperomia wheeleri)	2	5	Identify and inventory potential sites	Ongoing Current	FY 2008	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources, USFWS Regional Office 4 - Atlanta	Research: Habitat Status, Research: Other Information	Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER, local non-government organizations, and universities
Wheeler's peperomia (Peperomia wheeleri)	2	6	Characterize sites to determine their suitability for future recovery actions	Partially Complete	FY 2007	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Puerto Rico Department of Natural Resources	Research	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER

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Wheeler's peperomia (Peperomia wheeleri)	2	7	Define habitat requirements	Partially Complete	FY 2007	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources	Research, Research: Habitat Requirements	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER and universities
Wheeler's peperomia (Peperomia wheeleri)	2	8	Assess periodicity of flowering & pollination mechanisms	Partially Complete	FY 2007	FY 2011	Botanical Gardens, U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Puerto Rico Department of Natural Resources, USFWS Regional Office 4 - Atlanta	Research	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert	In coordination with DNER, local botanical garden, and universities
Wheeler's peperomia (Peperomia wheeleri)	2	9	Assess seed production & dispersal	Ongoing Not Current	FY 2008	FY 2011	U.S. Fish and Wildlife Service, Endangered Species Division, Universities, Caribbean islands National Wildlife Refuge, FWS , Puerto Rico Department of Natural Resources	Research: Other Information, Research: Propagation, Research: Reintroduction	Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	In coordination with DNER and universities